



US Army Corps
of Engineers
Seattle District

Public Notice of Application for Permit

Regulatory Branch
Post Office Box 3755
Seattle, Washington 98124-3755
Telephone (206) 764-3495
ATTN: Susan Powell, Project Manager

Public Notice Date: January 11, 2006
Expiration Date: February 11, 2006
Reference: 200500994
Name: Medina, City of

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 10 of the Rivers and Harbors Act of 1899, and Section 404 of the Clean Water Act for certain work described below and shown on the enclosed drawings.

APPLICANT: City of Medina
Post Office Box 144
Medina, Washington 98039
ATTN: Joe Willis, Director of Public Works
Telephone: (425) 233-6439

LOCATION: In Lake Washington at Medina Beach Park, Medina, Washington.

WORK: Remove two piers and replace with two new piers; demolish and remove a concrete bulkhead and replace with a shallow water beach; restore an existing rock revetment and rock jetty; place spawning gravel; and plant native shoreline vegetation. The rock revetment along the west shoreline will be regraded to provide small coves. The rock jetty will be constructed with concrete culvert troughs that allow fish to swim near the shore and improve water flow near the shoreline.

PURPOSE: To repair, maintain, and restore existing features at a public park for public pedestrian recreational use and for occasional moorage of marine patrol vessels.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. The bald eagle (*Haliaeetus leucocephalus*) threatened, Puget Sound Chinook (*Oncorhynchus tshawytscha*) threatened, and the coastal/Puget Sound bull trout (*Salvelinus confluentus*) threatened in the state of Washington, occur in the proposed project area. For Chinook and bull trout, critical habitat has been designated. After receipt of comments from this public notice, the U.S. Army Corps of Engineers (Corps) will evaluate the potential impacts to the bald eagle, Chinook salmon, bull trout, and designated critical habitat.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact approximately 0.2 acres of EFH for Pacific salmon in the project area.

If the Corps determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

CULTURAL RESOURCES: The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. There are no recorded historic properties within the permit area. The permit area has been so extensively modified by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. This public notice initiates consultation under Section 106 of the National Historic Preservation Act (36 CFR 800.4[a][3]), with any Tribe that has information or concerns with historic properties in the proposed permit area.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The proposed discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the Clean Water Act. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

ADDITIONAL EVALUATION: The State of Washington is reviewing this work for consistency with the approved Washington Coastal Zone Management Program and for compliance with the applicable State and Federal water quality standards pursuant to Section 401 of the Clean Water Act.

This proposal is the subject of Shorelines Substantial Development Permit No. 2005-01 being reviewed by the city of Medina.

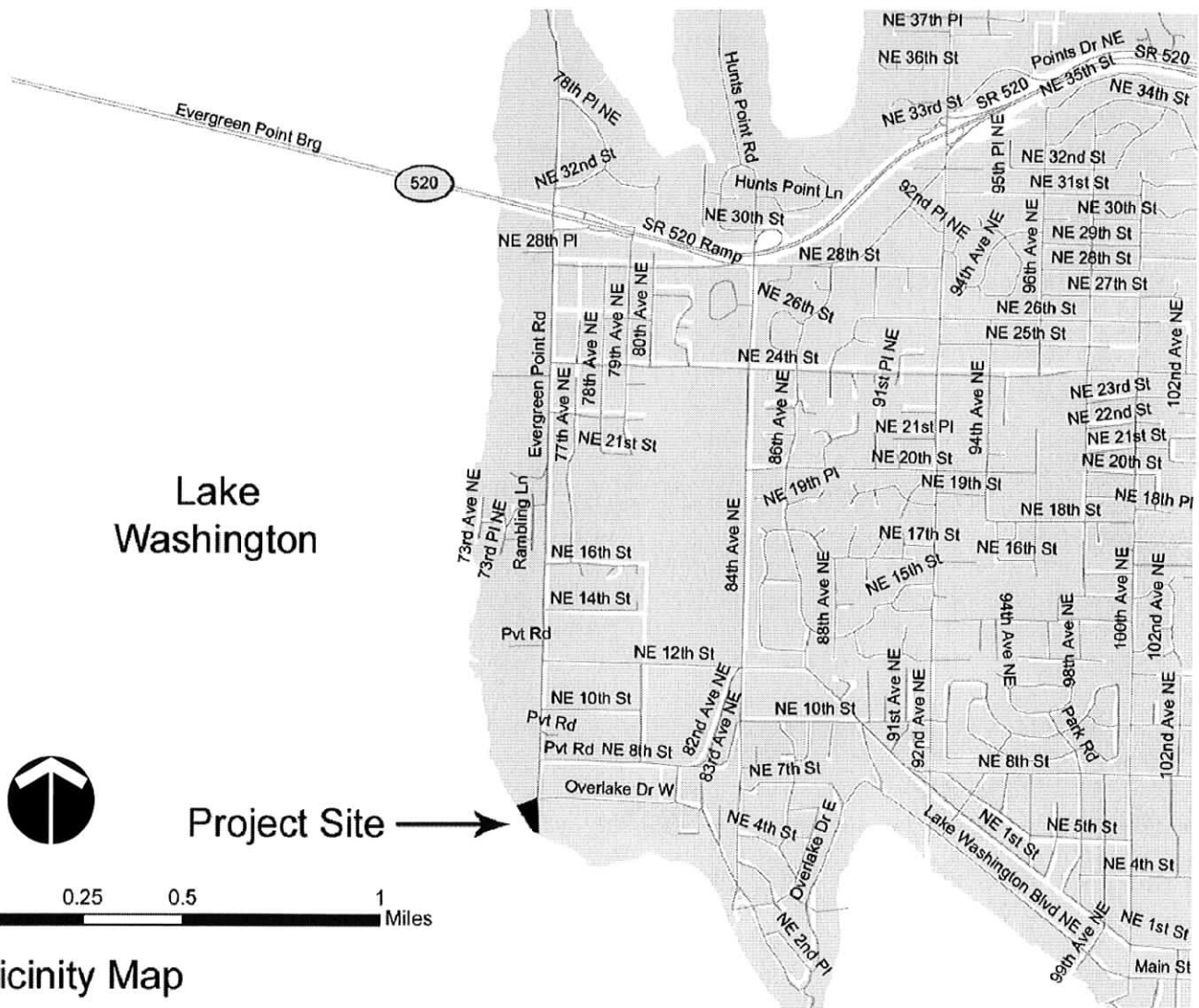
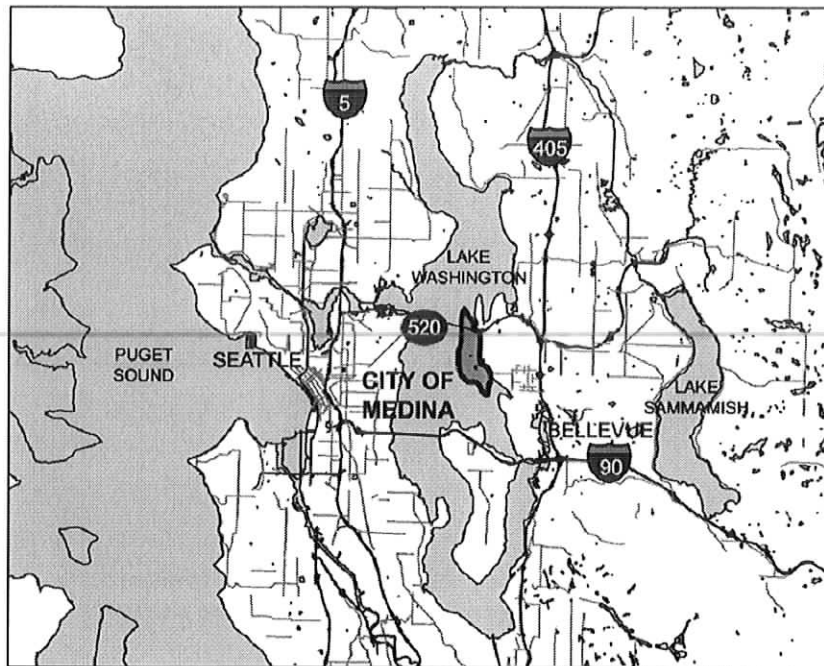
200500994

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. All e-mail comments should be sent to Susan.M.Powell@usace.army.mil.

Conventional mail comments should be sent U.S. Army Corps of Engineers, Regulatory Branch, Post Office Box 3755, Seattle, Washington, 98124-3755. Both conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration. Please include the following name and reference number:

Medina, City of, 200500994

Encl
Drawings (13)



0 0.25 0.5 1 Miles

Vicinity Map

PURPOSE: Revetment and pier replacement

DATUM: US Army Corps of Engineers
(see Datum Note on Sheet 2)

ADJACENT PROPERTY OWNERS:

1. Wayne Perry
2. Hoe Chin Lee
3. Mary Maron

APPLICANT: City of Medina, Joe Willis

REFERENCE: 200500994

SITE ADDRESS: 501 Evergreen Point Rd
Medina, WA 98039

SECTION: 36 TOWNSHIP: 25N RANGE: 4E

LATITUDE: 47°36'55" N LONGITUDE: 122°14'21" W

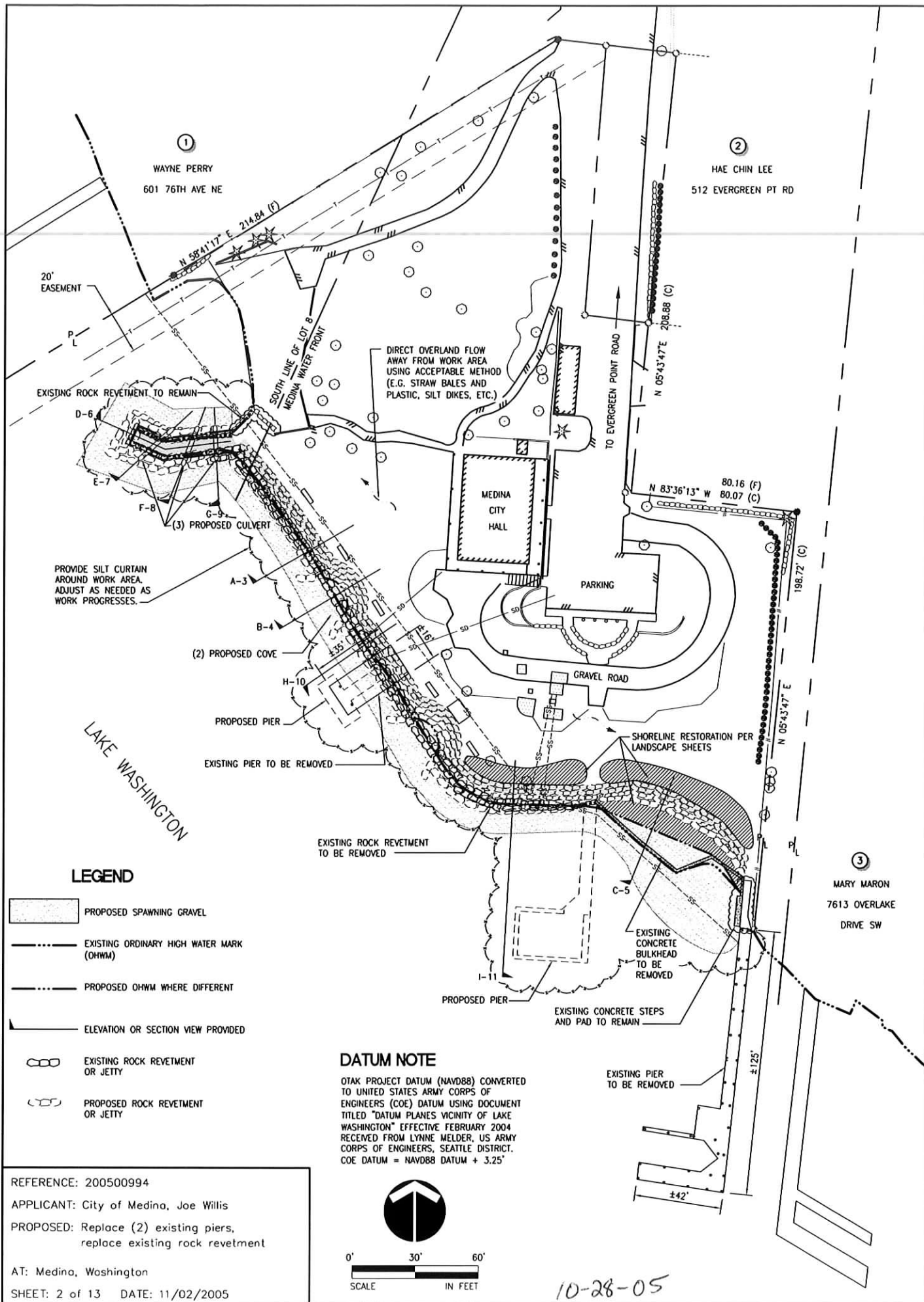
PROPOSED: Replace (2) existing piers,
replace existing rock revetment




IN: Lake Washington

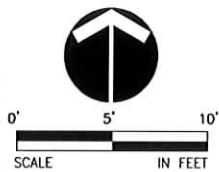
AT: Medina

COUNTY: King STATE: WA

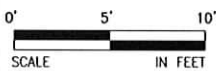
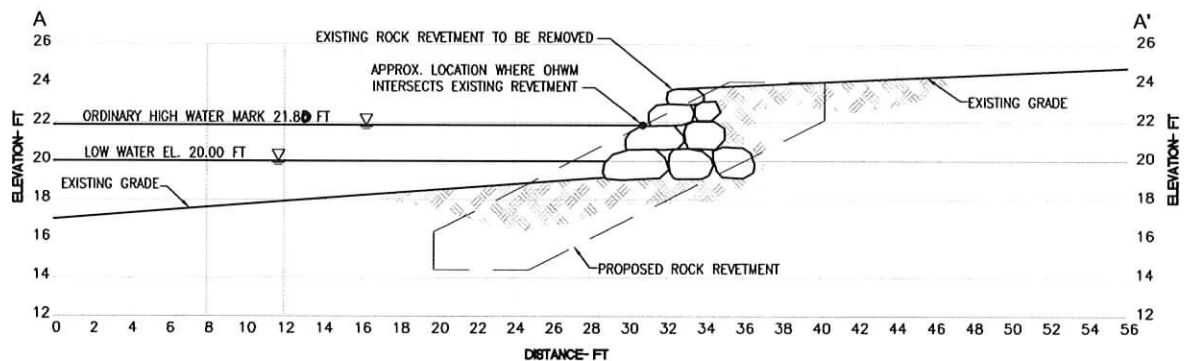
SHEET: 1 of 13 DATE: 10/28/2005



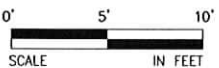
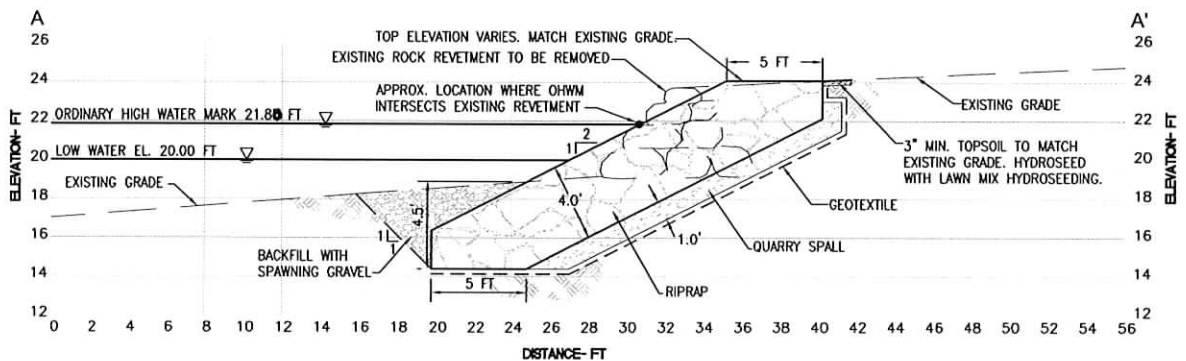
- LEGEND**
- EXISTING ORDINARY HIGH WATER MARK (OHWM)
 - PROPOSED OHWM WHERE DIFFERENT
 - TOP EDGE OF PROPOSED JETTY OR REVETMENT
 - SS --- EXISTING SANITARY SEWER PIPE
 -  EXISTING ROCK JETTY OR REVETMENT
 -  PROPOSED ROCK JETTY OR REVETMENT
 -  TOP FACE OF PROPOSED ROCK



DETAIL VIEW



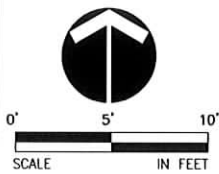
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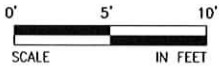
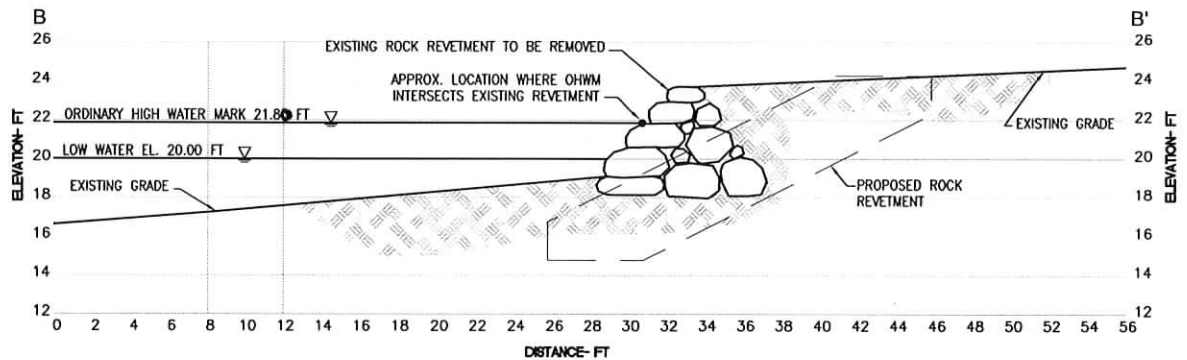
PROPOSED SECTION A-3

REFERENCE: 200500994
 APPLICANT: City of Medina, Joe Willis
 PROPOSED: Replace (2) existing piers, replace existing rock revetment
 AT: Medina, Washington
 SHEET: 3 of 13 DATE: 10/28/2005

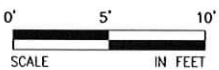
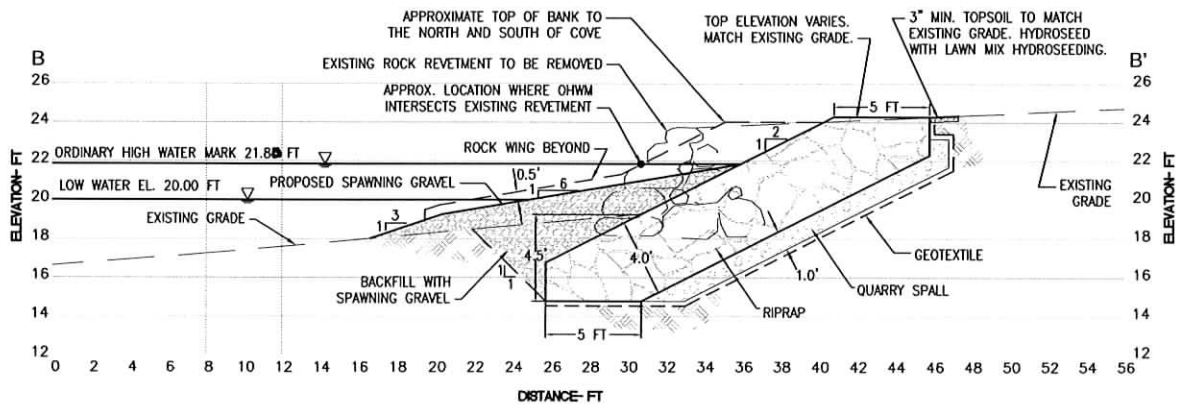
- LEGEND**
- EXISTING ORDINARY HIGH WATER MARK (OHWM)
 - - - PROPOSED OHWM WHERE DIFFERENT
 - · - · - TOP EDGE OF PROPOSED JETTY OR REVETMENT
 - SS EXISTING SANITARY SEWER PIPE
 - SD EXISTING STORM DRAIN PIPE
 - EXISTING ROCK JETTY OR REVETMENT
 - PROPOSED ROCK JETTY OR REVETMENT
 - TOP FACE OF PROPOSED ROCK
 - PROPOSED SPAWNING GRAVEL



DETAIL VIEW



EXISTING SECTION B-4



PROPOSED SECTION B-4

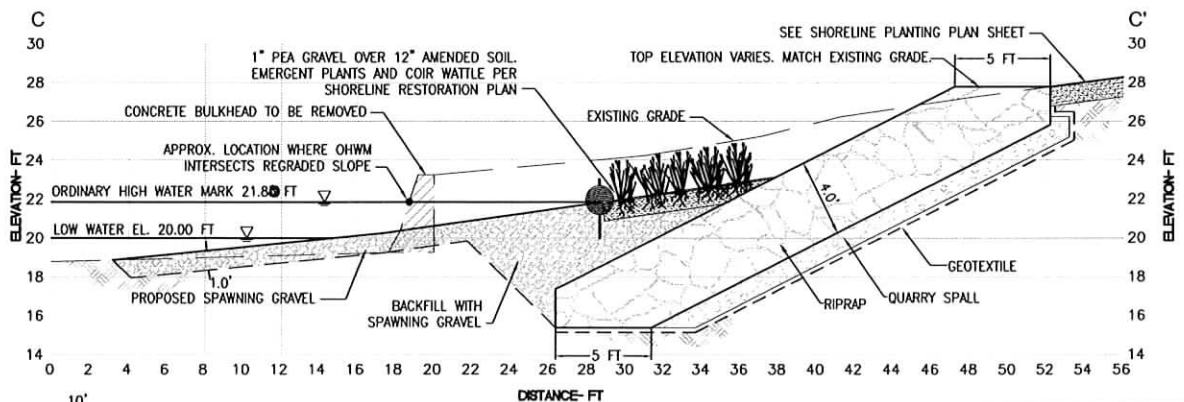
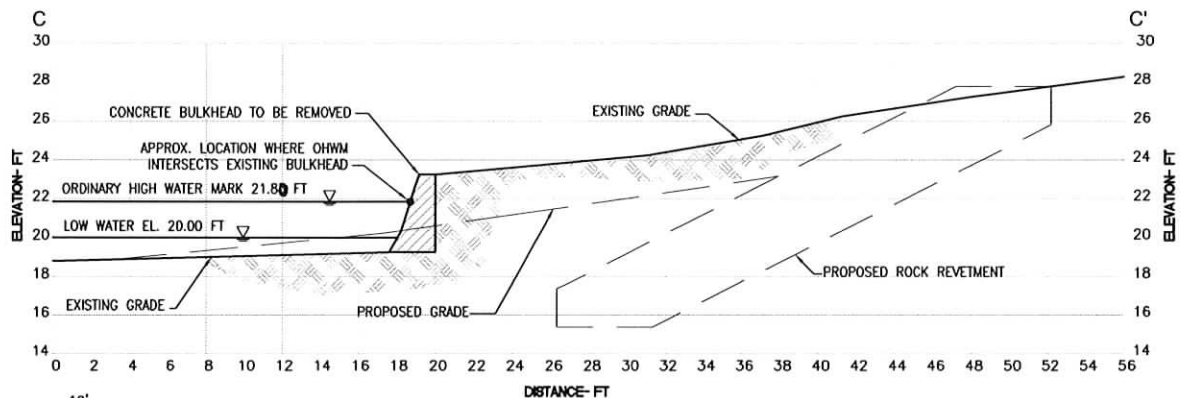
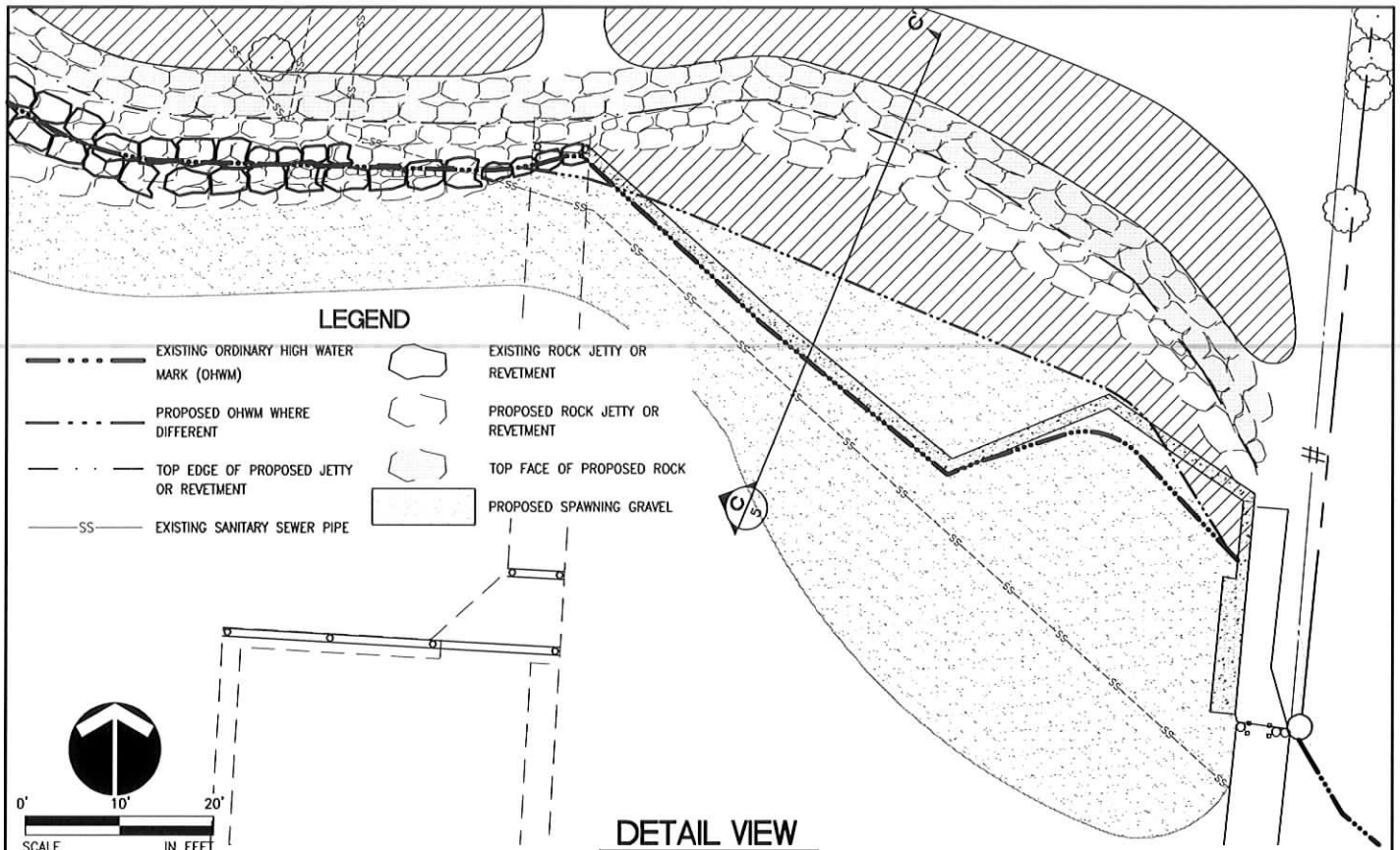
REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis

PROPOSED: Replace (2) existing piers,
replace existing rock revetment

AT: Medina, Washington

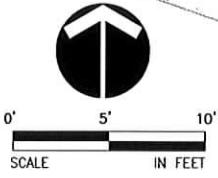
SHEET: 4 of 13 DATE: 10/28/2005



REFERENCE: 200500994
 APPLICANT: City of Medina, Joe Willis
 PROPOSED: Replace (2) existing piers, replace existing rock revetment
 AT: Medina, Washington
 SHEET: 5 of 13 DATE: 10/28/2005

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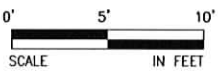
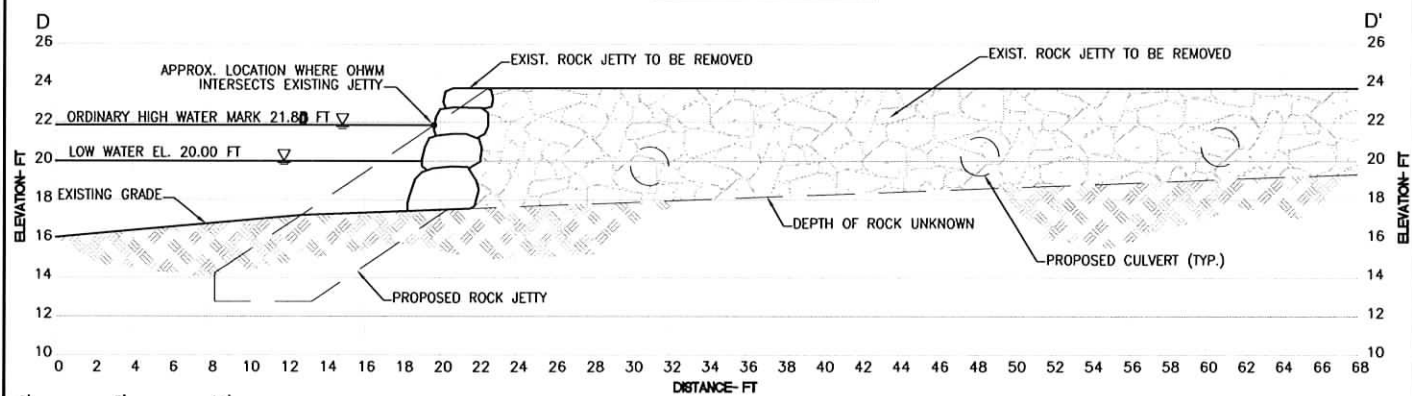
PROPOSED CULVERTS



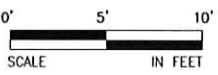
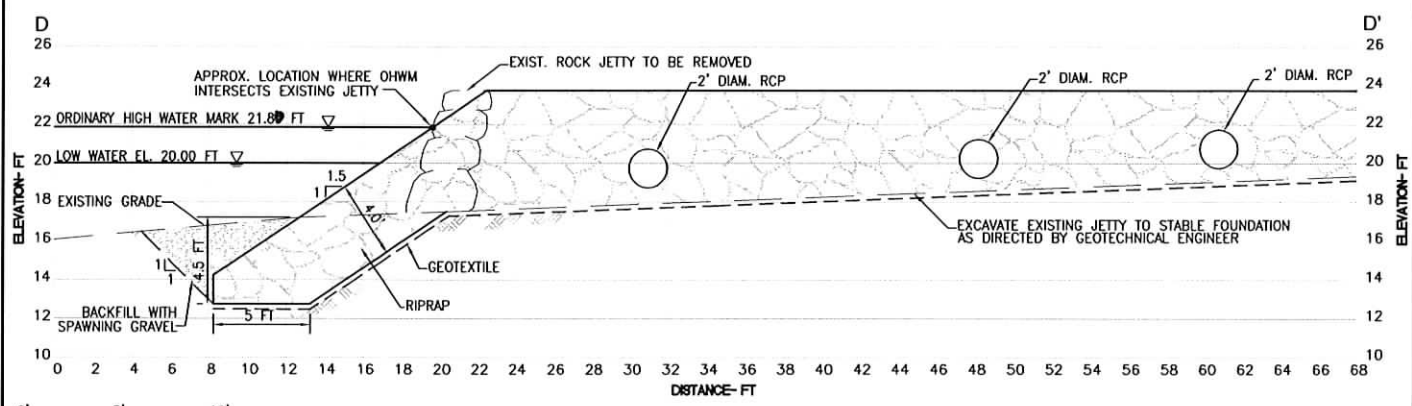
LEGEND

- EXISTING ORDINARY HIGH WATER MARK (OHWM)
- PROPOSED OHWM WHERE DIFFERENT
- TOP EDGE OF PROPOSED JETTY OR REVETMENT
- EXISTING ROCK JETTY OR REVETMENT
- PROPOSED ROCK JETTY OR REVETMENT
- TOP FACE OF PROPOSED ROCK

DETAIL VIEW



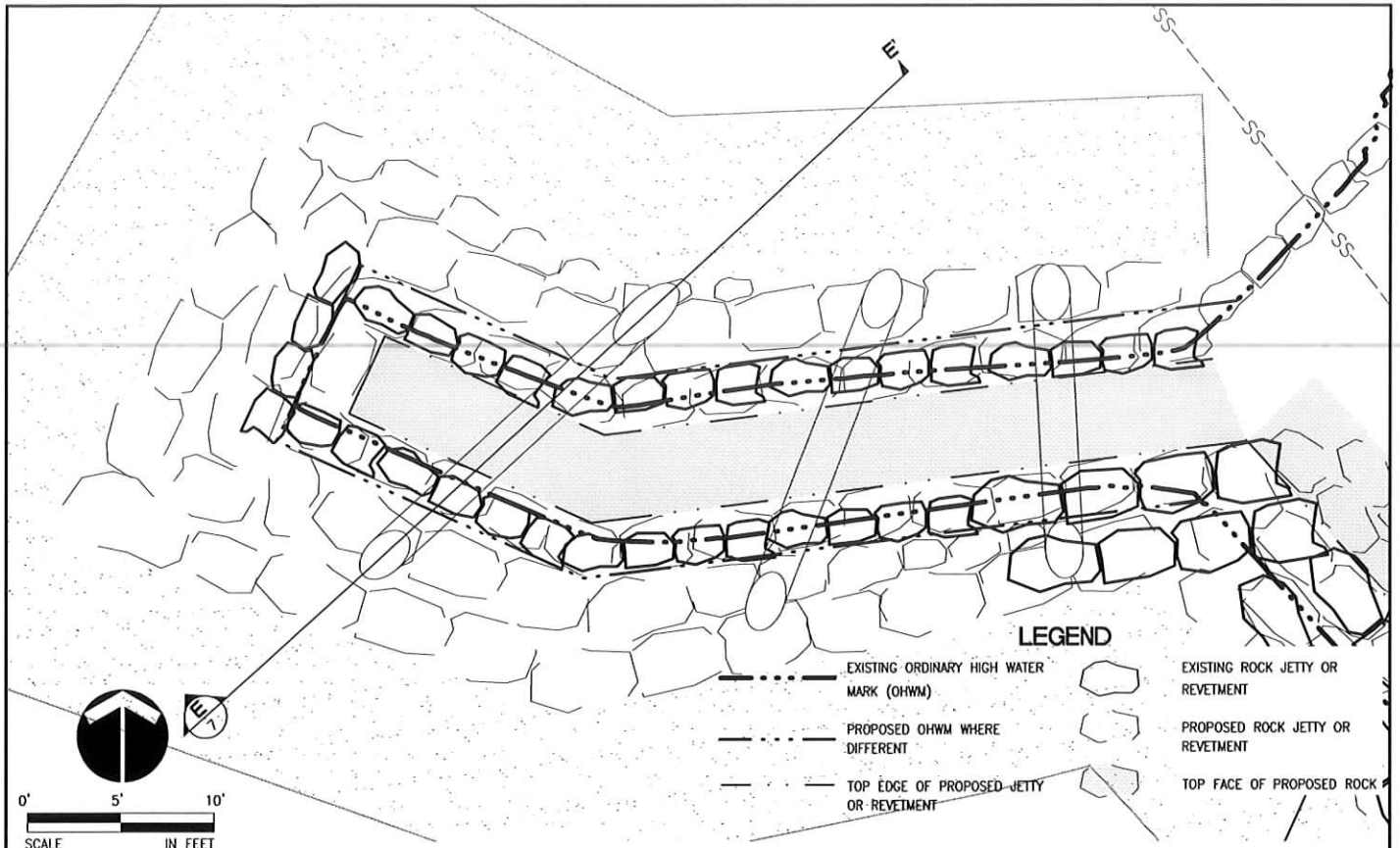
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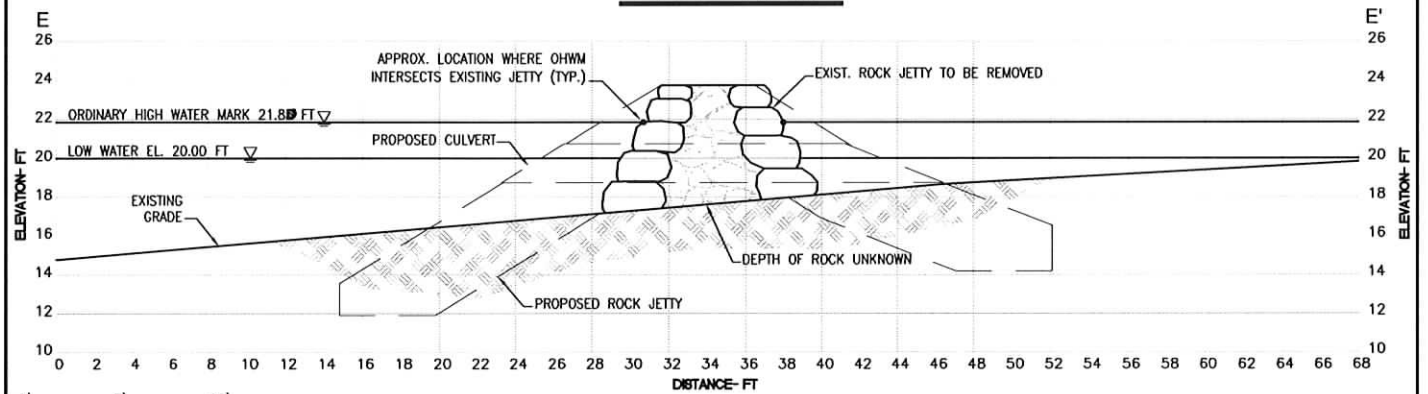
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REFERENCE: 200500994
 APPLICANT: City of Medina, Joe Willis
 PROPOSED: Replace (2) existing piers, replace existing rock revetment
 AT: Medina, Washington
 SHEET: 6 of 13 DATE: 10/28/2005

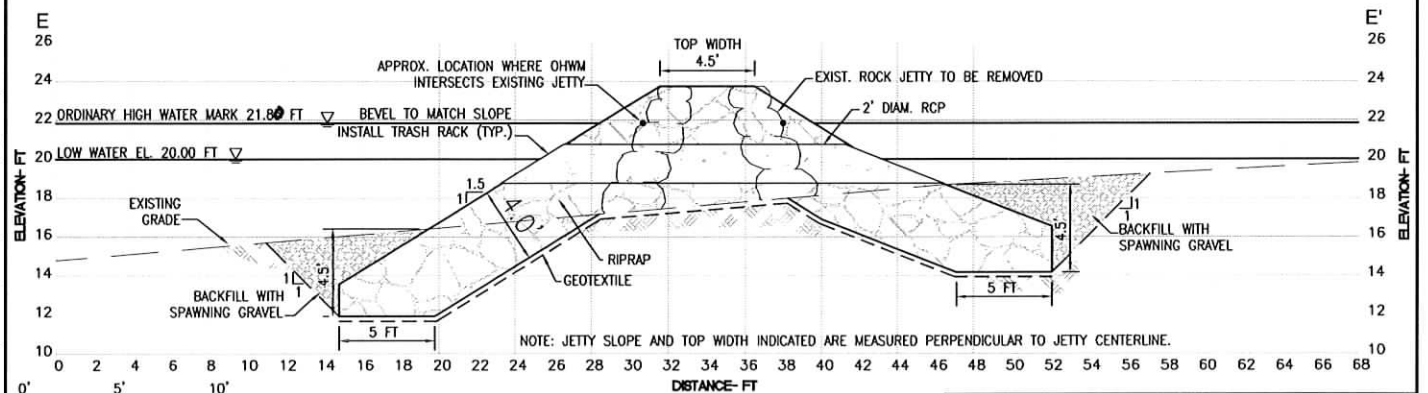
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DETAIL VIEW



EXISTING SECTION E-7



PROPOSED SECTION E-7

REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis

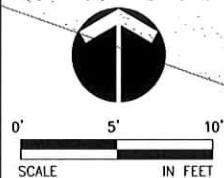
PROPOSED: Replace (2) existing piers,
replace existing rock revetment

AT: Medina, Washington

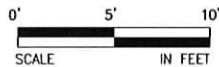
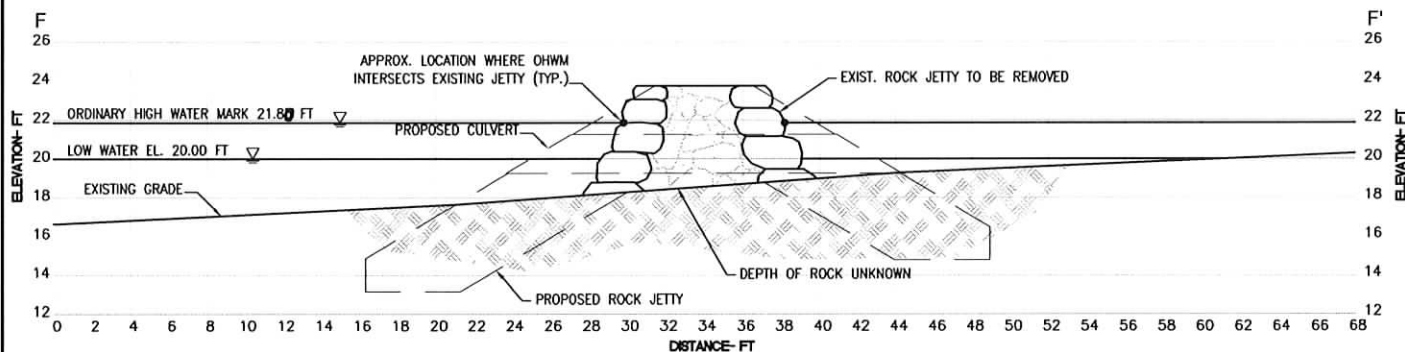
SHEET: 7 of 13 DATE: 10/28/2005

LEGEND

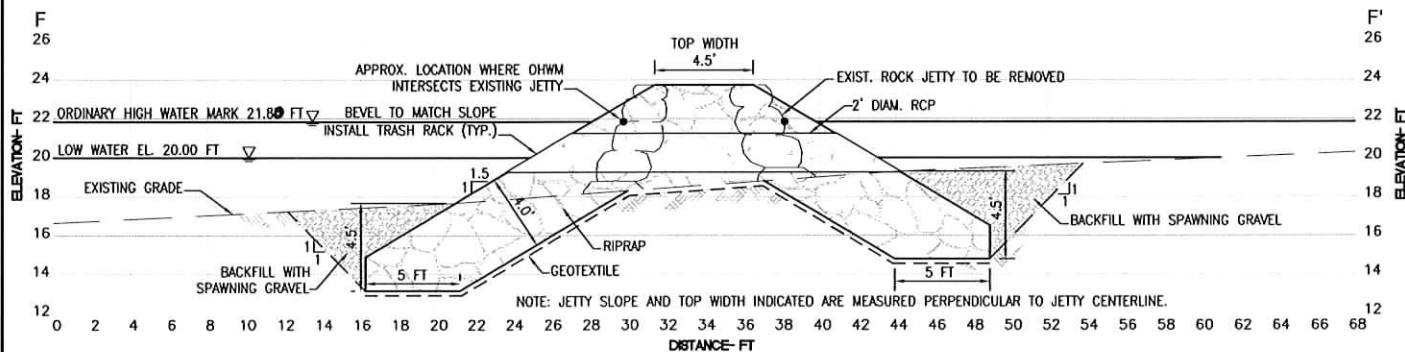
- EXISTING ORDINARY HIGH WATER MARK (OHWM)
- - - PROPOSED OHWM WHERE DIFFERENT
- TOP EDGE OF PROPOSED JETTY OR REVETMENT
- EXISTING ROCK JETTY OR REVETMENT
- PROPOSED ROCK JETTY OR REVETMENT
- TOP FACE OF PROPOSED ROCK



DETAIL VIEW



EXISTING SECTION F-8



PROPOSED SECTION F-8

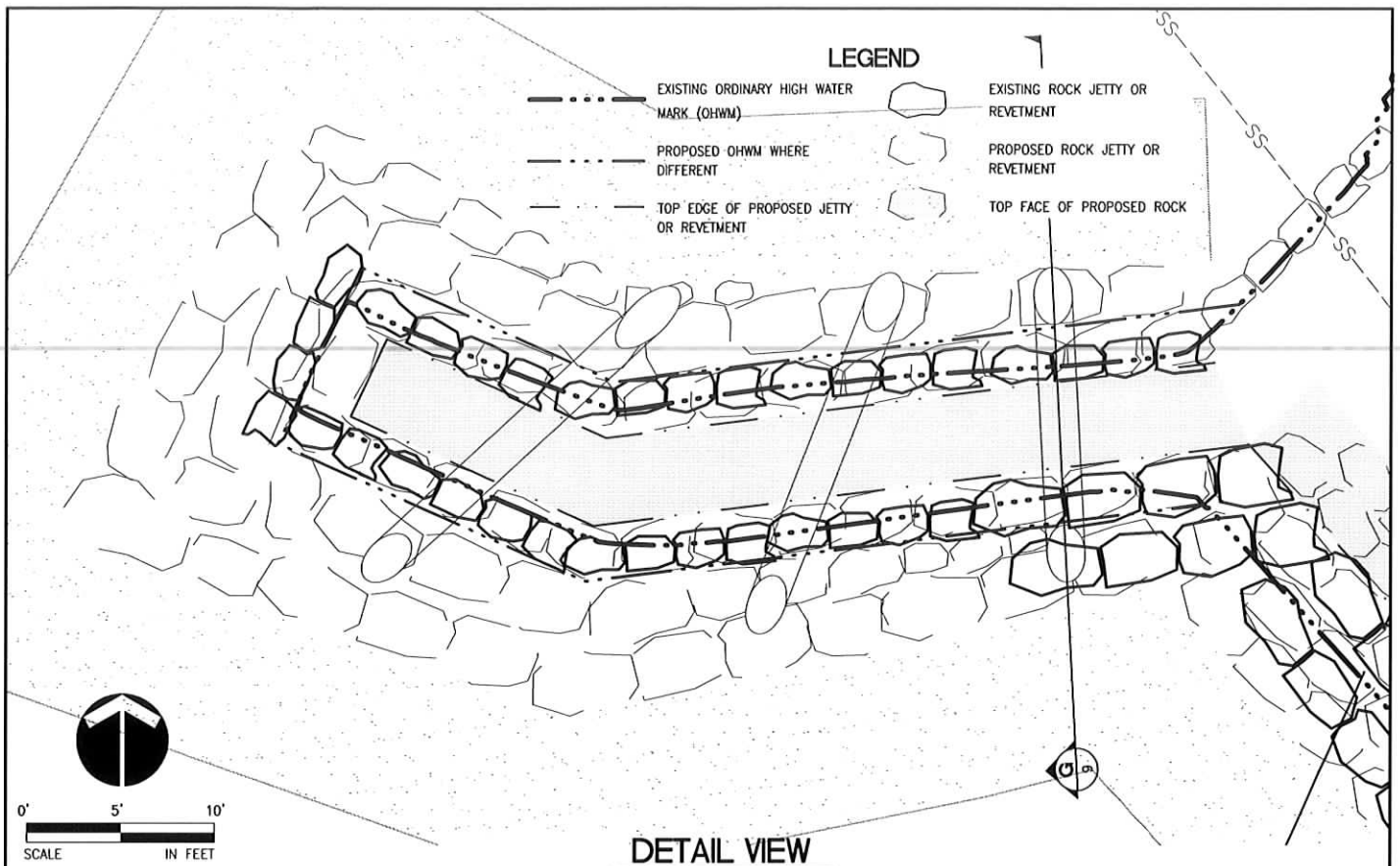
REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis

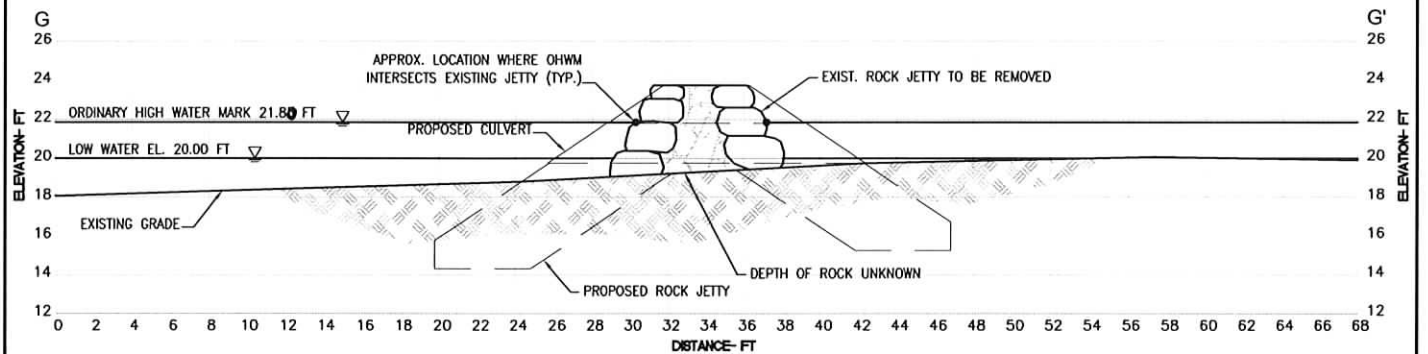
PROPOSED: Replace (2) existing piers,
replace existing rock revetment

AT: Medina, Washington

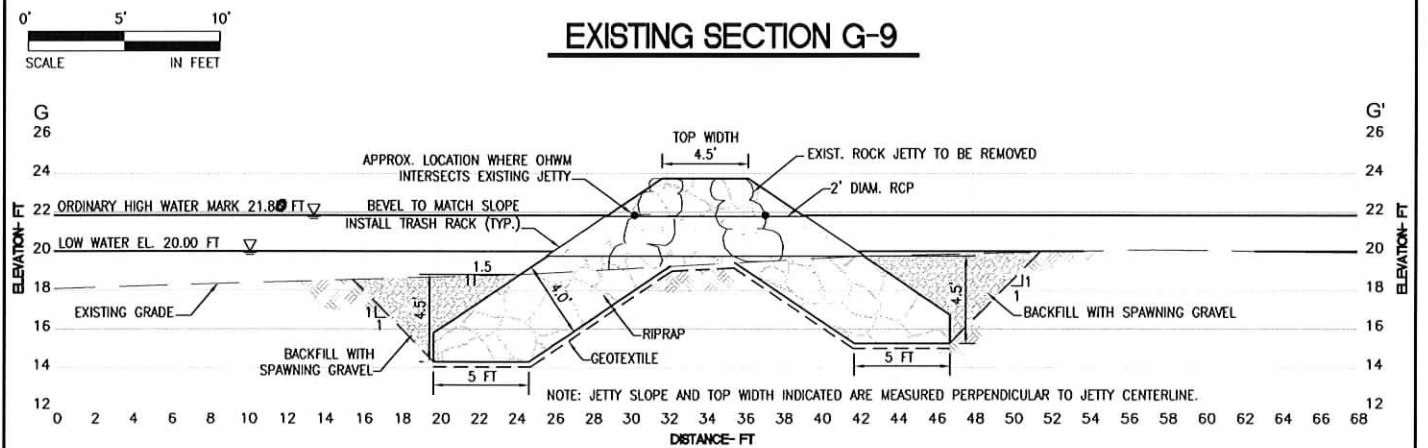
SHEET: 8 of 13 DATE: 10/28/2005



DETAIL VIEW



EXISTING SECTION G-9



PROPOSED SECTION G-9

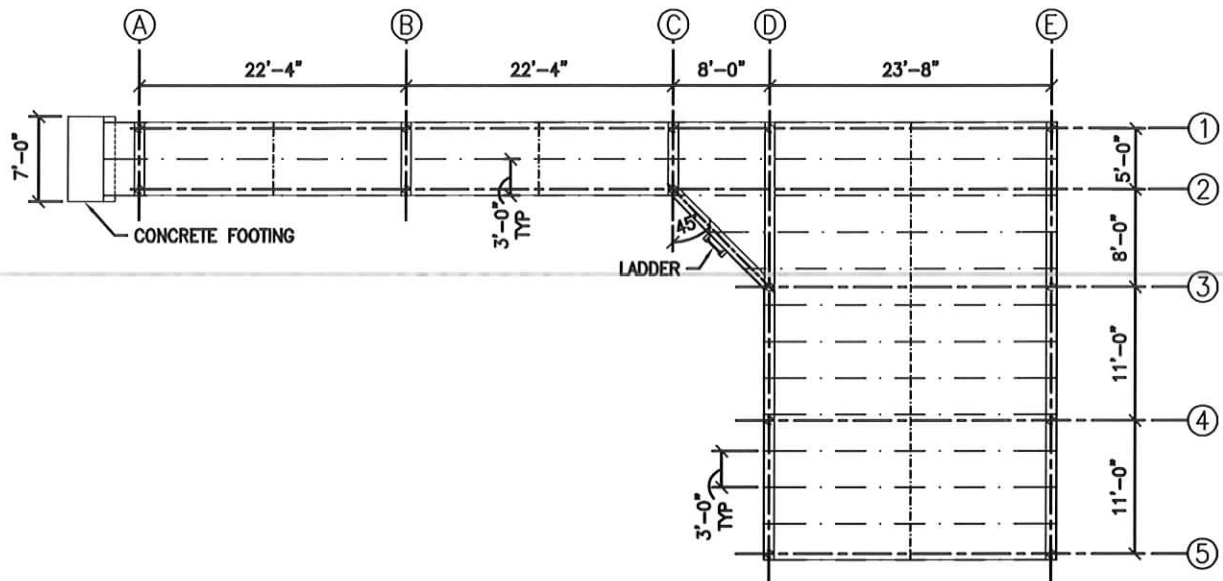
REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis

PROPOSED: Replace (2) existing piers,
replace existing rock revetment

AT: Medina, Washington

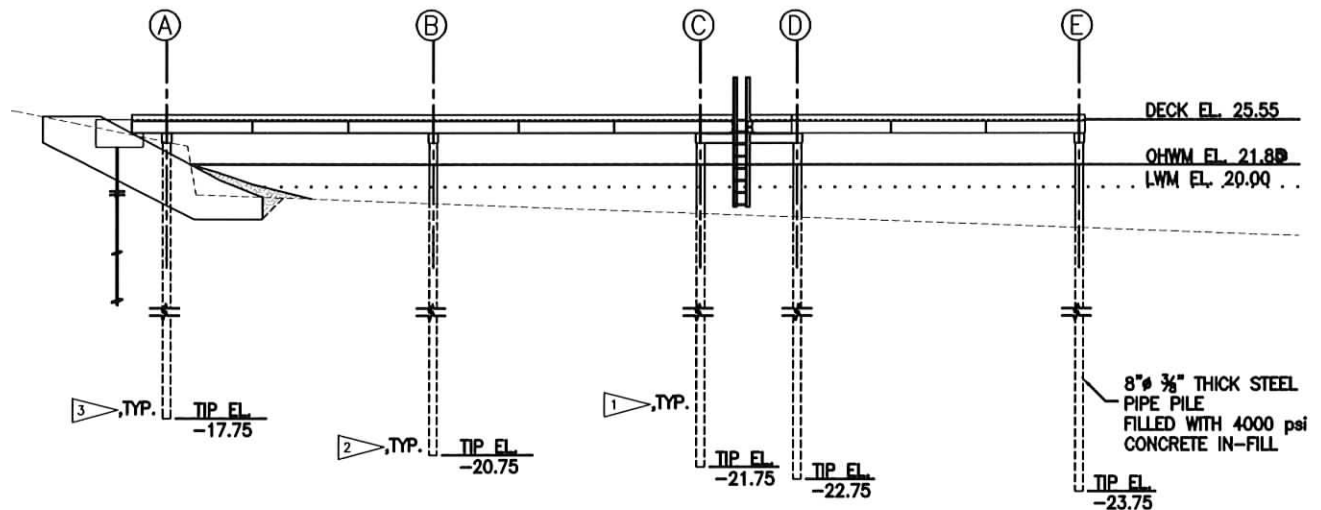
SHEET: 9 of 13 DATE: 10/28/2005



DECK MATERIAL: DURAGRID 1" BEARING BARS SPACED 1.1" ON CENTER
(46% OPEN AREA)

SOUTH DOCK PILE & PILE CAP PLAN

SCALE: 1/16"=1'-0"



ELEVATION, SOUTH DOCK

SCALE: 1/16"=1'-0"



PROPOSED ELEVATION H-10

FLAG NOTES:

- 1 DESIGN LOAD DEMAND: BEARING 20 kips & LATERAL 1.5 kips FOR ALL PILES.
- 2 PLACE CONCRETE IN-FILL (4000 psi) FOR ALL PILES ON COMPLETION OF DRIVING.
- 3 CLOSE-ENDED FOR ALL PILES.

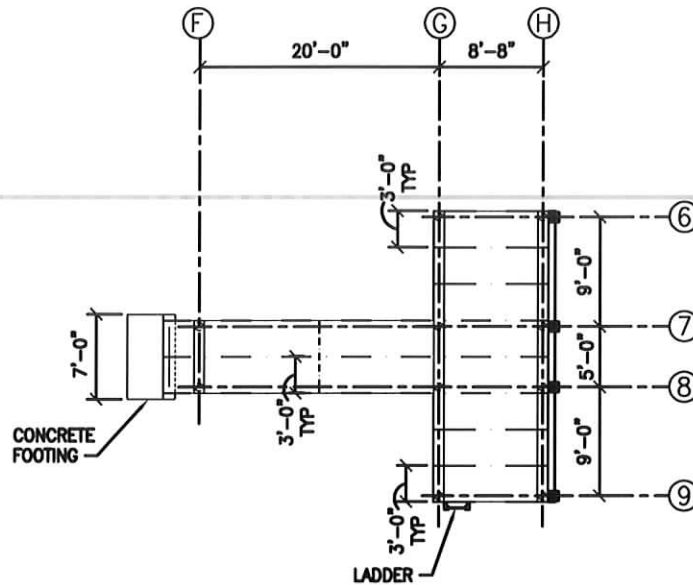
REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis

PROPOSED: Replace (2) existing piers,
replace existing rock revetment

AT: Medina, Washington

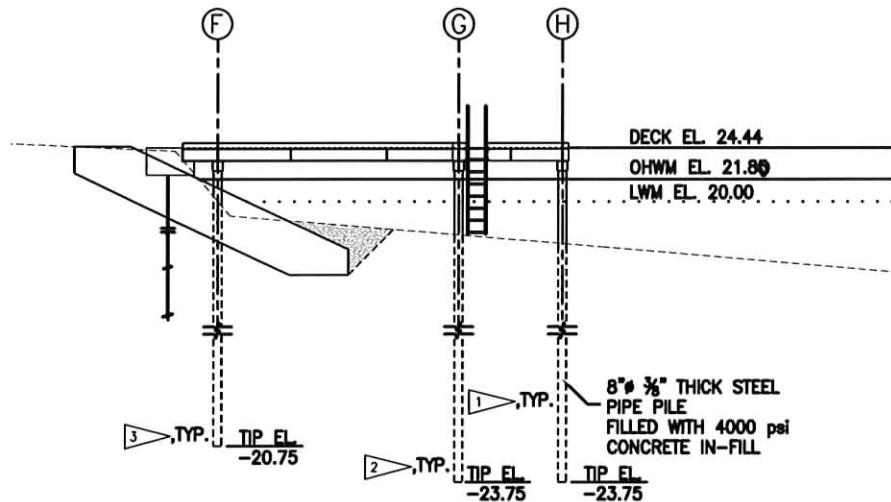
SHEET: 10 of 13 DATE: 10/28/2005



DECK MATERIAL: DURAGRID 1" BEARING BARS SPACED 1.1" ON CENTER
(46% OPEN AREA)

NORTH DOCK PILE & PILE CAP PLAN

SCALE: 1/16"=1'-0"



ELEVATION, NORTH DOCK PILE

SCALE: 1/16"=1'-0"



PROPOSED ELEVATION I-11

FLAG NOTES:

- 1 DESIGN LOAD DEMAND: BEARING 20 kips & LATERAL 1.5 kips FOR ALL PILES.
- 2 PLACE CONCRETE IN-FILL (4000 psi) FOR ALL PILES ON COMPLETION OF DRIVING.
- 3 CLOSE-ENDED FOR ALL PILES.

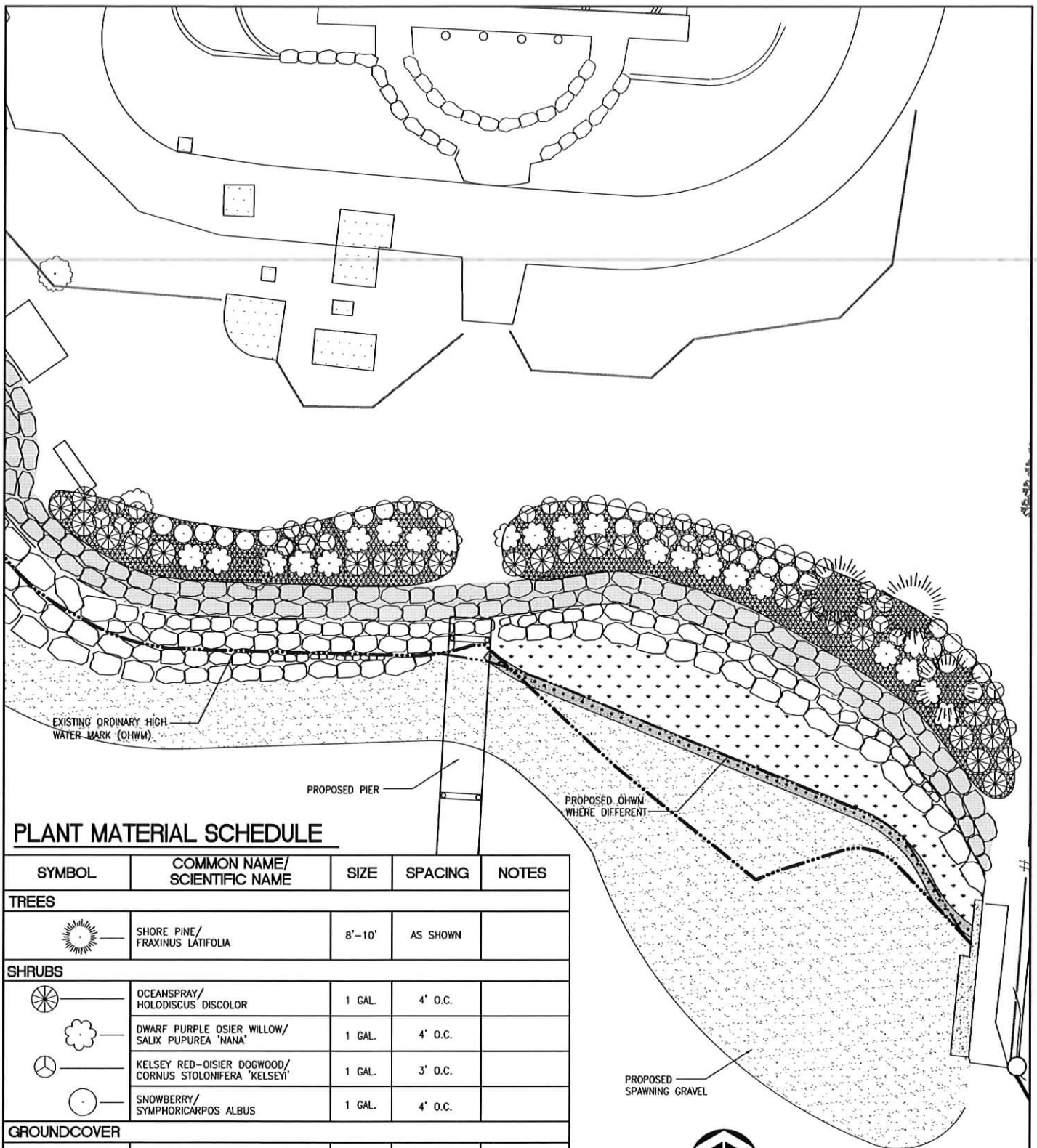
REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis










PROPOSED: Replace (2) existing piers,
replace existing rock revetment

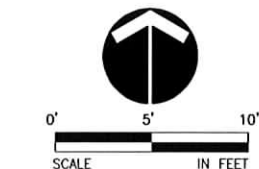
AT: Medina, Washington

SHEET: 11 of 13 DATE: 10/28/2005



PLANT MATERIAL SCHEDULE

SYMBOL	COMMON NAME/ SCIENTIFIC NAME	SIZE	SPACING	NOTES
TREES				
	SHORE PINE/ FRAXINUS LATIFOLIA	8'-10'	AS SHOWN	
SHRUBS				
	OCEANSPRAY/ HOLODISCUS DISCOLOR	1 GAL.	4' O.C.	
	DWARF PURPLE OSIER WILLOW/ SALIX PUPUREA 'NANA'	1 GAL.	4' O.C.	
	KELSEY RED-OSIER DOGWOOD/ CORNUS STOLONIFERA 'KELSEY'	1 GAL.	3' O.C.	
	SNOWBERRY/ SYMPHORICARPOS ALBUS	1 GAL.	4' O.C.	
GROUND COVER				
	COASTAL STRAWBERRY/ FRAGARIA CHILOENSIS	4" POT	18" O.C.	
EMERGENTS				
	SLOUGH SEDGE/CAREX OBNUPTA (25%) CREEPING SPIKERUSH/ ELEOCHARIS PALUSTRIS (25%) HARDSTEM BULRUSH/ SCRIPUS ACUTUS (25%) SMALL-FRUITED BULRUSH/ SCRIPUS MICROCARPUS (25%)	4" POT	18" O.C.	
OTHERS				
	COIR WATTLE	18" DIA.		
	WILLOW LIVE STAKES	3/4" DIA.	18" O.C.	



RESTORATION PLANTING PLAN

REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis

PROPOSED: Replace (2) existing piers,
replace existing rock revetment

AT: Medina, Washington

SHEET: 12 of 13 DATE: 10/28/2005

	Total	COE ¹	Shoreline	Total	COE ¹
Quarry Spall	Area (ft ²)	Area (ft ²)	Length (ft)	Volume (ft ³)	Volume (ft ³)
Coves	60.4	60.4	66.9	4040.8	4040.8
Bulkhead area	71.7	60.3	73	5234.1	4401.9
Jetty ²	n/a	n/a	n/a	n/a	n/a
Shoreline	13.7	13.7	205.6	2816.7	2816.7
			Total Volume ft³	12092	11259
			Total Volume yd³	448	417
	Total	COE ¹	Shoreline	Total	COE ¹
Spawning Gravel	Area (ft ²)	Area (ft ²)	Length (ft)	Volume (ft ³)	Volume (ft ³)
Coves	60.4	60.4	66.9	4040.8	4040.8
Bulkhead area	71.7	60.3	73	5234.1	4401.9
Jetty ²	15.7	15.7	131	2056.7	2056.7
Shoreline	13.7	13.7	205.6	2816.7	2816.7
			Total Volume ft³	14148	13316
			Total Volume yd³	524	493

	X-Sect	COE ¹	Shoreline	Total	COE ¹
Geotextile	Length (ft)	Length (ft)	Length (ft)	Area (ft ²)	Area (ft ²)
Coves	25	11.3	66.9	1672.5	756.0
Bulkhead area	29.7	5.4	73	2168.1	394.2
Jetty ²	30.7	30.7	55	1688.5	1688.5
Shoreline	25	11.4	205.6	5140.0	2343.8
			Total Area ft²	10669	5183
			Total Area yd²	1185	576
	Total	COE ¹	Shoreline	Total	COE ¹
Riprap	Area (ft ²)	Area (ft ²)	Length (ft)	Volume (ft ³)	Volume (ft ³)
Coves	68.7	40.1	66.9	4596.0	2682.7
Bulkhead area	89.4	17.9	73	6526.2	1306.7
Jetty ²	117.8	108.9	55	6479.0	5989.5
Shoreline	71.5	42.9	205.6	14700.4	8820.2
			Total Volume ft³	32302	18799
			Total Volume yd³	1196	696

Culverts					
2-ft diameter RCP	15-ft length	12-ft length	9-ft length	Total of 36-ft of 2-ft diameter RCP	
Notes:					
1. COE regulatory volume/area is the material below and waterward of the ordinary high water mark.					
2. Jetty calculations are based on the assumption of a 4.5-ft wide top width. Estimates were made based on an average cross section, measuring 4.8-ft from top of jetty to m					

CONSTRUCTION MATERIAL ESTIMATES

REFERENCE: 200500994

APPLICANT: City of Medina, Joe Willis

PROPOSED: Replace (2) existing piers,
replace existing rock revetment

AT: Medina, Washington

SHEET: 13 of 13 DATE: 10/28/2005



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

*P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006*

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Notice of Application for
Water Quality Certification
and for
Certification of Consistency with the
Washington Coastal Zone Management Program

Date: January 11, 2006

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200500994 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 307© of the Federal Coastal Zone Management Act of 1972 (16 U.S.C. 1451), to certify that the above referenced project will comply with the Washington State Coastal Zone Management Program and that the project will be conducted in a manner consistent with that program.

Any person desiring to present views on the project pertaining to the project on either or both (1) compliance with water pollution control laws or (2) the project's compliance or consistency with the Washington State Coastal Zone Management Program may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator
Department of Ecology
SEA Program
Post Office Box 47600
Olympia, Washington 98504-7600